

Converting Colors

XYZ(26.4076, 35.7369, 13.4092)

Have a look what the booklet for
XYZ(26.4076, 35.7369, 13.4092)
contains.

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Color

**XYZ(26.2981, 35.5647,
13.4613)**

Conversions

Conversions Part 1

Format	Color
Hex	86AD52
RGB	134, 173, 82
RGB Percent	53%, 68%, 32%
CMY	0.4745, 0.3216, 0.6784
CMYK	0.23, 0.00, 0.53, 0.32
HSL	86°, 36%, 50%
HSV	86°, 53%, 68%
XYZ	26.2981, 35.5647, 13.4613
YIQ	150.9650, 5.9670, -36.5690

Conversions

Conversions Part 2

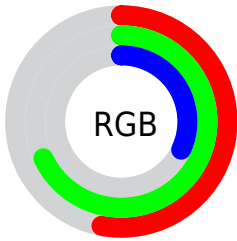
Format	Color
RYB	82, 173, 121
Decimal	8826194
CIELab	66.19, -28.44, 42.07
CIELCh	66, 50.778, 124.061
Yxy	35.5647, 0.3491, 0.4722
Android (android.graphics.Color)	4287016274 (0xFF86AD52)
YUV	150.9650, -33.9997, -14.8783
Hunter-Lab	59.6361, -25.6491, 28.3621

Details

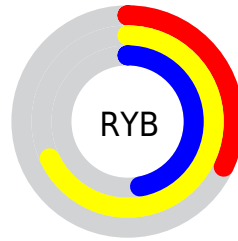
The XYZ color **26.2981, 35.5647, 13.4613** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **18.4468, 13.1177, 41.0969**, and the grayscale version is **29.5404, 31.0788, 33.8448**.

A 20% lighter version of the original color is **53.3087, 68.5787, 32.9816**, and **10.4569, 15.3311, 3.7746** is the 20% darker color. If you saturate the color by 10%, you get **24.5806, 34.7471, 10.3673**, and if you desaturate by 10%, it is **28.2662, 36.4945, 17.4349**.

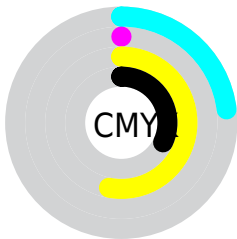
Distribution



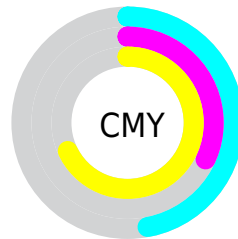
- Red (53%)
- Green (68%)
- Blue (32%)



- Red (32%)
- Yellow (68%)
- Blue (47%)



- Cyan (23%)
- Magenta (0%)
- Yellow (53%)
- Black (32%)





- Cyan (47%)
- Magenta (32%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.2981, 35.5647, 13.4613 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 26.2981, 35.5647, 13.4613 by changing the saturation by 10% instead.


 26.2981, 35.5647,
13.4613


 26.2981, 35.5647,
13.4613


276.4723,
327.0539, 225.1640


 17.1806, 24.0982,
7.6125


 53.1833, 68.3597,
32.8333


 10.4595, 15.4065,
3.7638


 71.6818, 90.4569,
47.1937


 5.7692, 9.1052,
1.4967


 94.0380, 116.8665,
65.2282

 2.7446, 4.8098,
0.2155

 120.6173,
147.9729, 87.3556

 1.0202, 2.1361,
0.0000

 151.7850,
184.1604, 113.9943

 0.0000, 0.6848,
0.0000

187.9065,

 0.0000, 0.0000,

225.8135, 145.5630

0.0000

229.3472,
273.3165, 182.4800

■ 26.2981, 35.5647,
13.4613

■ 26.2981, 35.5647,
13.4613

■ 24.5806, 34.7471,
10.3673

■ 28.2662, 36.4945,
17.4349

■ 23.0967, 34.0312,
8.0834

■ 30.4954, 37.5373,
22.3458

■ 21.8309, 33.4116,
6.5336

■ 32.9986, 38.6997,
28.2497

■ 20.7641, 32.8807,
5.6263

■ 35.7867, 39.9861,
35.1972

■ 20.0739, 32.5331,
5.2215

■ 38.8704, 41.4011,
43.2353

■ 42.2595, 42.9487,
52.4085

■ 45.9633, 44.6328,
62.7584

■ 49.9907, 46.4572,
74.3247

■ 54.3504, 48.4255,
87.1454

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



32.7842, 35.5647, 10.2732



26.2981, 35.5647, 13.4613



22.3442, 35.5647, 23.2195

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



26.2981, 35.5647, 13.4613



27.8353, 35.5647, 89.5192



50.4745, 35.5647, 35.8500

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



26.2981, 35.5647, 13.4613



18.4468, 13.1177, 41.0969

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



48.6320, 35.5647, 59.9368



26.2981, 35.5647, 13.4613



34.8430, 35.5647, 96.8607

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



26.2981, 35.5647, 13.4613



23.1344, 35.5647, 67.0321



42.6154, 35.5647, 84.4633



47.3319, 35.5647, 19.7746

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



26.2981, 35.5647, 13.4613



21.3086, 35.5647, 34.5741



42.6154, 35.5647, 84.4633



50.4203, 35.5647, 43.1931

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



26.2990, 35.5663, 13.4621



62.1916, 70.7358, 58.2333



25.4644, 22.9076, 11.0627



13.3002, 15.2731, 12.1179



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.2990, 35.5663, 13.4621



43.5957, 62.0235, 17.8633



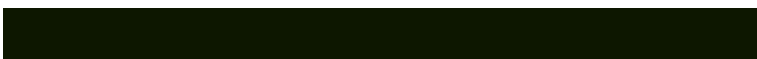
20.6437, 32.6509, 13.1974



8.3260, 9.1567, 8.5420



14.8129, 23.9334, 3.8389



0.4731, 0.6972, 0.1096

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



18.4468, 13.1177, 41.0969



28.0399, 17.4896, 72.7037



26.1654, 17.0968, 41.4582



7.8922, 7.9187, 10.0652



7.6873, 3.3228, 29.2807



0.2773, 0.1251, 0.8175

Previews

White Background



This preview shows how the XYZ color 26.2981, 35.5647, 13.4613 looks on a white background.

Color Contrast Check

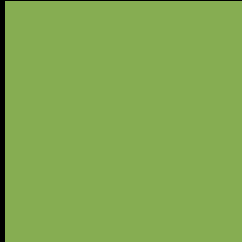
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 26.2981, 35.5647, 13.4613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.2981, 35.5647, 13.4613

Background



This preview shows how black text looks on a background with the XYZ color 26.2981, 35.5647, 13.4613.



This preview shows how white text looks on a background with the XYZ color 26.2981, 35.5647,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

26.2981, 35.5647, 13.4613

Protanopia

32.4801, 35.5048, 12.3489

Deuteranopia

35.8765, 35.2063, 13.9214



Tritanopia

32.9663, 35.5320, 46.1952

Trichromacy



Original Color

26.2981, 35.5647, 13.4613

Protanomaly

29.7667, 35.1562, 12.6141

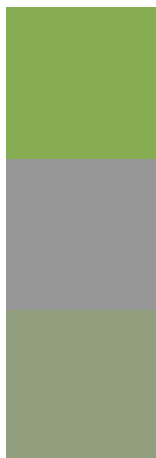
Deuteranomaly

31.4441, 34.6817, 13.6313

Tritanomaly

29.8565, 35.3412, 30.8391

Monochromacy



Original Color

26.2981, 35.5647, 13.4613

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

27.8411, 32.3224, 24.5101

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2981, 35.5647, 13.4613 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(134, 173, 82)` looks like.

```
.text, #text, p{  
    color:rgb(134, 173, 82)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(134, 173, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 173, 82) }
```

Border

The CSS property to change the border of an element to XYZ 26.2981, 35.5647, 13.4613 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(134, 173, 82) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(134, 173, 82) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(134, 173, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 173, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 173, 82);  
box-shadow:4px 4px 4px 4px rgb(134, 173,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2981, 35.5647, 13.4613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 173, 82) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(134,  
173, 82) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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